

10/590629

IAP9 Rec'd PCT/PTO 24 AUG 2006

OFGS File NO: P/1929-100

ENGLISH TRANSLATIONS TO ANNEXES
OF THE INTERNATIONAL
PRELIMINARY EXAMINATION REPORT
UNDER ARTICLE 34

CLAIMS

1. (Amended) An information delivery system for causing a receiving terminal to conduct pre-reading processing prior to data reproduction processing, select suitable data from a candidate program head data group in a received data storage and reproduce the selected data at
5 time of reproduction, and change over reproduction data at time when following data is delivered from a transmitter,

wherein the candidate program head data group is a set of head data of sequence data corresponding to one reproduction environment or a
10 plurality of reproduction environments of a receiving terminal, in one candidate program or a plurality of candidate programs that might be viewed by a user at a single opportunity.

2. (Amended) The information delivery system according to claim 1, wherein

15 the receiving terminal comprises:

a request transmitter for transmitting a sequence transmission request to the transmitter to specify a sequence to be reproduced and outputting identification information of the sequence to be reproduced;

a reproduction sequence selector for reading out head sequence data
20 of a sequence requested to be reproduced, from the received data storage;

means for receiving following sequence data from the transmitter;

a switcher for changing over between the head sequence data and the following sequence data; and

a decoder for reproducing sequence data supplied from the switcher,
25 and

the transmitter comprises:

a transmitting sequence selector for receiving the sequence

transmission request from the receiving terminal, reading out a following portion of the head sequence data included in sequence data of the sequence requested to be reproduced, from a transmission data storage, and delivering the following sequence data to the receiving terminal.

5 3. (Amended) The information delivery system according to claim 1, wherein the candidate program is a subset of programs obtained as a result of retrieval processing for all programs.

 4. (Amended) The information delivery system according to claim 1, wherein the candidate program is a subset of programs restricted on the
10 basis of personal information of a user from among all programs.

 5. (Amended) The information delivery system according to claim 1, wherein

 the receiving terminal comprises:

 a candidate program determiner for transmitting candidate program
15 request information to the transmitter; and

 means for receiving the candidate program head data group from the transmitter and storing the candidate program head data group in the received data storage, and

 the transmitter comprises:

20 a candidate program head data reader responsive to reception of the candidate program request information from the receiving terminal, for reading out a head data group of a candidate program from the transmission data storage and transmitting the candidate program head data group to the receiving terminal.

25 6. (Amended) The information delivery system according to claim 1, wherein

 the sequence transmission request transmitted by the receiving

terminal comprises environment information concerning a current reproduction environment of the receiving terminal, and

when reading out the head sequence data from the received data storage, the reproduction sequence selector reads out the head sequence data having a data format most suitable for the current reproduction environment from the received data storage.

7. (Amended) The information delivery system according to claim 1, wherein

the head sequence data comprises management data for managing delivery service,

upon reproducing the head sequence data, the receiving terminal transmits the management data to the transmitter, and

the transmitter determines an optimum data format of following data and delivers sequence data, on the basis of received management data.

8. (Amended) An information delivery method for causing a receiving terminal to conduct pre-reading processing prior to data reproduction processing, select suitable data from a candidate program head data group in a received data storage and reproduce the selected data at time of reproduction, and change over reproduction data at time when following data is delivered from a transmitter,

wherein the candidate program head data group is a set of head data of sequence data corresponding to one reproduction environment or a plurality of reproduction environments of a receiving terminal, in one candidate program or a plurality of candidate programs that might be viewed by a user at a single opportunity.

9. (Amended) The information delivery method according to claim 8, comprising the steps of:

causing the receiving terminal to transmit a sequence transmission request to the transmitter to specify a sequence to be reproduced;

causing the receiving terminal to read out head sequence data of a sequence requested to be reproduced, from the received data storage and
5 reproduce the sequence data;

causing the transmitter to receive the sequence transmission request, read out a following portion of the head sequence data included in sequence data of the sequence requested to be reproduced, from a transmission data storage, and delivering the following sequence data to the
10 receiving terminal;

causing the receiving terminal to receive the following sequence data and change over between the head sequence data and the following sequence data; and

reproducing the following sequence data.

15 10. (Amended) The information delivery method according to claim 8, wherein the candidate program is a subset of programs obtained as a result of retrieval processing for all programs.

11. (Amended) The information delivery method according to claim 8, comprising the steps of:

20 causing the receiving terminal to transmit candidate program request information to the transmitter;

causing the transmitter to receive the candidate program request information, read out a head data group of a candidate program from the transmission data storage, and transmit the candidate program head data
25 group to the receiving terminal; and

causing the receiving terminal to receive the candidate program head data group and store the candidate program head data group in the

received data storage.

12. (Amended) The information delivery method according to claim 8, wherein

the sequence transmission request transmitted by the receiving
5 terminal comprises environment information concerning a current reproduction environment of the receiving terminal, and

when reading out the head sequence data from the received data storage, reading out head sequence data having a data format most suitable for the current reproduction environment from the received data storage.

10 13. (Added) The information delivery method according to claim 8, wherein

the head sequence data comprises management data for managing delivery service,

upon reproducing the head sequence data, the receiving terminal
15 transmits the management data to the transmitter, and

the transmitter determines an optimum data format of following data and delivers sequence data, on the basis of received management data.

14. (Added) An information delivery apparatus serving as a transmitter included in an information delivery system for causing a
20 receiving terminal to conduct pre-reading processing prior to data reproduction processing, select suitable data from a candidate program head data group in a received data storage and reproduce the selected data at time of reproduction, and change over reproduction data at time when following data is delivered from the transmitter,

25 wherein the candidate program head data group is a set of head data of sequence data corresponding to one reproduction environment or a plurality of reproduction environments of a receiving terminal, in one

candidate program or a plurality of candidate programs that might be viewed by a user at a single opportunity.

15. (Added) An information delivery apparatus according to claim 14, comprising:

- 5 a candidate program head data reader responsive to reception of the candidate program request information from the receiving terminal, for reading out a head data group of a candidate program from the transmission data storage and transmitting the candidate program head data group to the receiving terminal; and
- 10 a transmitting sequence selector for receiving a sequence transmission request specifying a reproduction sequence in the receiving terminal from the receiving terminal, reading out a following portion of the head sequence data included in sequence data of the sequence requested to be reproduced and previously sent to the receiving terminal from a
- 15 transmission data storage, and delivering the following sequence data to the receiving terminal.

16. (Added) A receiving terminal included in an information delivery system for causing the receiving terminal to conduct pre-reading processing prior to data reproduction processing, select suitable data from a
- 20 candidate program head data group in a received data storage and reproduce the selected data at time of reproduction, and change over reproduction data at time when following data is delivered from the transmitter,

- wherein the candidate program head data group is a set of head data
- 25 of sequence data corresponding to one reproduction environment or a plurality of reproduction environments of a receiving terminal, in one candidate program or a plurality of candidate programs that might be

viewed by a user at a single opportunity.

17. (Added) The receiving terminal according to claim 16, comprising:

a request transmitter for transmitting a sequence transmission
5 request specifying a reproduction sequence to the transmitter and
outputting identification information of a sequence to be reproduced;

a reproduction sequence selector for reading out head sequence data
of a sequence requested to be reproduced, from the received data storage;

means for receiving following sequence data from the transmitter;

10 a switcher for changing over between the head sequence data and
the following sequence data; and

a decoder for reproducing sequence data supplied from the switcher.

18. (Added) An information relay apparatus included in an
information delivery system for causing a receiving terminal to conduct
15 pre-reading processing prior to data reproduction processing, select suitable
data from a candidate program head data group in a received data storage
and reproduce the selected data at time of reproduction, and change over
reproduction data at time when following data is delivered from the
transmitter,

20 wherein the candidate program head data group is a set of head data
of sequence data corresponding to one reproduction environment or a
plurality of reproduction environments of a receiving terminal, in one
candidate program or a plurality of candidate programs that might be
viewed by a user at a single opportunity.

25 19. (Added) The information relay apparatus according to claim 18,
comprising a request transmitter for generating a sequence transmission
request to specify a reproduction sequence in the received terminal and

transmitting the sequence transmission request to the transmitter.